

State/Cnty CORDWOOD WEIGHT CONVERSION FACTORS

The following weight conversion methods may be used in the conversion of weight scale to standard 128 cubic foot cord. The selected option should remain consistent for all sales on a specific property and not changed readily.

OPTION 1: Weight conversion factors established by the various mills may be used for billing purposes. The mill must be contacted to obtain specific conversions if they are not supplied on scale ticket receipts.

OPTION 2: The weight conversions in the following table may be used for billing purposes. If this option is to be used the weight conversion table should be included in the timber sale prospectus. Weights shown are for average cordwood size wood that is reasonably straight.

Factors for mixed cordwood may be developed by weighted average of cruise estimates based on species volume distribution and/or ocular estimate.

CORDWOOD WEIGHT CONVERSION FACTORS

POUNDS PER CORD

| Species | Weight |
|---------------|--------|
| Hemlock | 4800 |
| Tamarack | 4650 |
| Red pine | 4500 |
| Jack pine | 4250 |
| Balsam | 4250 |
| White pine | 4200 |
| Spruce | 4000 |
| Cedar | 3150 |
| White oak | 5850 |
| Red oak | 5500 |
| Hickory | 5400 |
| Yellow birch | 5350 |
| Hard maple | 5100 |
| Beech | 5050 |
| Elm | 5000 |
| Balsam poplar | 4900 |
| White birch | 4800 |
| Cottonwood | 4650 |
| Ash | 4600 |
| Soft maple | 4550 |
| Aspen | 4500 |
| Basswood | 3850 |
| Locust | 5300 |

Whole Tree Utilization

Adjustments for whole tree operations should take place as part of the bidding process. Cubic cruise may be used to generate variable utilization volume estimates for bidding purposes. If cubic cruise is not used, consult the Forest Products Specialist. For further information, see variable utilization bid on page [62-1](#).